

## REMARKS

Claims 1-22 are pending in the application. Applicants respectfully request reconsideration in view of the following remarks.

Claims 1 and 12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Kanbara (US 5,657,040) in view of Kim (US 6,414,670). For an obviousness rejection to be proper, the Examiner must meet the burden of establishing that all elements of the invention are disclosed in the prior art. *In re Fine*, 5 U.S.P.Q.2d 1596, 1598 (Fed. Cir. 1988); *In re Wilson*, 165 U.S.P.Q. 494, 496 (C.C.P.A. 1970); *Amgen v. Chugai Pharmaceuticals Co.*, 927 U.S.P.Q.2d, 1016, 1023 (Fed. Cir. 1996).

Claim 1 includes the following limitation: "said gate line driver causes a falling edge of said gate selection signal with said pulse-shaped voltage waveform to be smoother than a rising edge thereof." None of the references teach or suggest this limitation.

As recognized by the Examiner, Kanbara does not teach or suggest that limitation. Moreover, Kim does not teach or suggest this limitation. Figure 9 of Kim shows that the falling edge of the gate selection signal is exactly the same as the rising edge. The falling edge of the signal is not smoother than the rising edge. Thus, Kim does not teach or suggest that the falling edge of the gate selection signal is smoother than the rising edge as recited in claim 1. Accordingly, Applicants respectfully request that the Examiner withdraw the rejection as to claim 1.

Claim 12 includes the following limitation: "said gate line driver causes a falling time of said gate selection signal to be longer than a rising time thereof." None of the references teach or suggest this limitation.

As recognized by the Examiner, Kanbara does not teach or suggest that limitation. Moreover, Kim does not teach or suggest this limitation. Figure 9 of Kim shows that the falling edge of the gate selection signal is exactly the same as the rising edge. The fall edge of the signal is not longer than the rising edge. Thus, Kim does not teach or suggest that the falling edge of the gate selection signal is longer than the rising edge as recited in claim 12. Accordingly, Applicants respectfully request that the Examiner withdraw the rejection as to claim 12.

In view of the foregoing, it is respectfully submitted that the instant application is

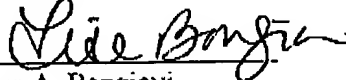
YK1-0065  
09/820,262

in condition for allowance. Accordingly, it is respectfully requested that this application be allowed and a Notice of Allowance issued. If the Examiner believes that a telephone conference with Applicants' attorneys would be advantageous to the disposition of this case, the Examiner is cordially requested to telephone the undersigned.

In the event the Commissioner of Patents and Trademarks deems additional fees to be due in connection with this application, Applicants' attorney hereby authorizes that such fee be charged to Deposit Account No. 06-1130.

Respectfully submitted,

CANTOR COLBURN LLP

By: 

Lisa A. Bongiovi  
Registration No. 48,933  
CANTOR COLBURN LLP  
55 Griffin Road South  
Bloomfield, CT 06002  
Telephone (860) 286-2929  
Facsimile (860) 286-0115  
Customer No. 23413

April 22, 2003

YKI-0065  
09/820.262